

App. No. 09/970068
Amd. Dated June 1, 2004
Office Action Dated March 1, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1, 6, 12, 17 and 23 are amended.

Claims 24-27 are new.

Listing of Claims:

1. (Currently Amended) An organic electro-luminescence (EL) element comprising:
a glass substrate having a luminescent device on an inner surface;
a drying layer adhered to a rim of the inner surface of the glass substrate without contact with the luminescent device;
a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and
a sealing case bonded to the rim of the glass substrate to form an airtight space.
2. (Canceled)
3. (Previously Presented) The organic EL element according to claim 1, wherein the drying layer includes UV-curing resin.
4. (Previously Presented) The organic EL element according to claim 1, wherein the drying layer includes a composite material which is inorganic material or organic material.

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5. (Previously Presented) The organic EL element according to claim 4, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .

6. (Currently Amended) An organic EL element comprising:

a glass substrate having a luminescent device on an inner surface;

a drying layer formed on a rim of the inner surface of the glass substrate;

a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and

a sealing case bonded to the rim of the glass substrate to form an airtight space wherein the sealing case includes:

an inner wall exposed to the airtight space;

a trench on the inner wall;

a hydrophobic layer in the bottom of the trench;

an adhesion layer formed on the rim of the opening of the trench; and

a semi-permeable film with moisture permeability without water permeability covering the opening of the trench and ~~bonded~~ bonded by the adhesion layer.

7. (Previously Presented) The organic EL element according to claim 6, wherein the adhesion layer comprises an adhesion agent and a composite material with absorption of moisture, oxygen or impurities.

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8. (Original) The organic EL element according to claim 7, wherein the adhesion agent is UV-curing resin.
9. (Previously Presented) The organic EL element according to claim 7, wherein the composite material is inorganic material or organic material.
10. (Previously Presented) The organic EL element according to claim 7, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .
11. (Original) The organic EL element according to claim 6, wherein the luminescent device is a lamination body formed by at least a cathode layer, an organic luminescent material layer and an anode layer.
12. (Currently amended) An organic electro-luminescence (EL) element comprising:
a glass substrate having a luminescent device on an inner surface;
a loop of drying layer formed only on a rim of the inner surface of the glass substrate without contact with the luminescent device, in which the drying layer comprises an adhesion agent and a composite material with absorption of moisture, oxygen ~~[[and]]~~ or impurities;
a sealing layer formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and
a sealing case bonded to the rim of the glass substrate to form an airtight space.

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13. (Previously Presented) The organic EL element according to claim 12, wherein the adhesion agent is UV-curing resin.
14. (Previously Presented) The organic EL element according to claim 12, wherein the composite material is inorganic material or organic material.
15. (Previously Presented) The organic EL element according to claim 12, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .
16. (Previously Presented) The organic EL element according to claim 12, wherein the luminescent device is a lamination body formed by at least a cathode layer, an organic luminescent material layer and an anode layer.
17. (Currently Amended) An organic electro-luminescence (EL) element comprising:
a first substrate having a luminescent device on an inner surface;
a loop of drying layer adhered to a rim of the inner surface of the first substrate;
a loop of sealing layer formed on the rim of the inner surface of the first substrate and surrounding the drying layer; and
a sealing substrate bonded to the rim of the first substrate to form an airtight space.

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18. (Previously Presented) The organic EL element according to claim 17, wherein the drying layer comprises an adhesion agent and a composite material with absorption of moisture, oxygen or impurities.
19. (Previously Presented) The organic EL element according to claim 17, wherein the drying layer includes UV-curing resin.
20. (Previously Presented) The organic EL element according to claim 17, wherein the drying layer includes a composite material which is inorganic material or organic material.
21. (Previously Presented) The organic EL element according to claim 18, wherein the composite material comprises silicon, Al_2O_3 , CaO or SiO_2 .
22. (Previously Presented) The organic EL element according to claim 1, wherein the drying layer comprises an adhesion agent and a composite material with absorption of moisture, oxygen or impurities.
23. (Currently amended) An organic electro-luminescence (EL) element consisting of:
a glass substrate having a luminescent device on an inner surface;
a single loop of drying layer formed on a rim of the inner surface of the glass substrate;

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a single sealing layer, separate and distinct from said drying layer, formed on the rim of the inner surface of the glass substrate and surrounding the drying layer; and

a sealing case bonded to the rim of the glass substrate to form an airtight space.

24. (New) The organic EL element according to claim 1, wherein the sealing case is bonded only to the rim of the inner surface of the glass substrate to form an airtight space.

25. (New) The organic EL element according to claim 12, wherein the sealing case is bonded only to the rim of the inner surface of the glass substrate to form an airtight space.

26. (New) The organic EL element according to claim 17, wherein the sealing substrate is bonded by the loop of drying layer and sealing layer to form an airtight space.

27. (New) The organic EL element according to claim 23, wherein the sealing substrate is bonded by the loop of drying layer and sealing layer to form an airtight space.